

From owner-qrp-1@netcom.com Sun Feb 19 04:32:13 1995
Date: Fri, 17 Feb 1995 17:23:30 +0500
From: teda@meaddata.com (Ted Albert)
Message-Id: <9502172223.AA25533@rain.meaddata.com>
Subject: 79'er Results

I was only able to operate the last 10 minutes of the event and was not able to get the newly homebrewed transmitter on the air in-time so I quickly fired up the Argonaut II and was pleasantly surprised to hear much more activity. I was running 5 watts to the end-fed 120' wire and worked WA1FMR/X, VE2KN, WB8E, and WA4FAT.

A very nice event. I will have the colorburst homebrew rig setup for next week.

73 de Ted, KF8EE

From owner-qrp-1@netcom.com Sat Feb 18 10:21:38 1995
Date: Sat, 18 Feb 1995 06:34:36 -0800
From: dgf@netcom.com (David Feldman)
Message-Id: <199502181434.GAA03545@netcom14.netcom.com>
Subject: Re: ARGONAUT II DISCONTINUED

>ok, hows this for a proposed QRP radio for Ten Tec to produce ?
>it needs to be less expensive (abt 600 to 800 dollars) than the Argonaut 2
>and have a solid quiet reciever with all the necessary features, we all expect
> to see in a rig today:
>
>The Ten Tec Argonaut 521 (add 6 to 509 = 515, a 6 to 515 = 521)
>
>1. double conversion superhet
>with 2400 hz and 500 hz I.F. filters,
 Passband tuning?
>crystal mixing.
 Wouldn't DDS be cheaper/smaller at this stage?
>2. LCD readout w/ switchable Yellow backlight (like Icom)
 Designed to minimize DC power consumption while on?
>3. 160 thru 10m electronic band switching
 Would adding 6M be a problem?
>4. scf filter in audio stage
 With adjustable peak-response frequency for adjusting CW note...
>5. Famous Ten Tec QSK full break in CW and optimized SSB with 10w out PeP,
 Switch-settable back to 5W out for standard QRP, 10W for JA novice mkt.
>speech processor and high quality mic included
 Remotable basic functions thru mic connector (i.e., display mic)?
>6. smaller than the Argonaut 509
>7. digital SWR/Power meter/S-meter

On the LCD readout...

- >8. built in manual Differential T tuner
Perhaps external bolt-on with future auto-tuner option?
- >9. AGC, switchable fast/slow/off
- >10. built in CMOS-2 keyer w/ four memories.
Where would the controls go?
- >11. built in audio amp 4 watts .02% distortion or less and speaker rated at
>6w at 8 ohms.
That's an awfully tight distortion spec...

>

>QRP'ers need all their accessories in one box without connecting cables
>running all over the place.
What? You don't like hooking up your drake line with 30 patchcords???

>

>did i miss anything ?
TRANSVERTER INTERFACE (LOW LEVEL TX OUTPUT)!!!
SEPARATE RX ANTENNA INPUT
EXTERNAL T/R SIGNAL WITH PROPER SEQUENCING/DELAYS
RS-232 CONTROL
NOISE BLANKER (OPTION AT LEAST)
MAX LIGHTS-OFF/AUDIO-OFF DC CURRENT DRAIN OF 100 mA

Where do I sign up?

73 Dave WB0GAZ dgf@netcom.com

From owner-qrp-l@netcom.com Sat Feb 18 12:40:49 1995
Date: Sat, 18 Feb 1995 08:38:30 -0800 (PST)
From: Steven Wilson <randyw@crl.com>
Subject: Coherent CW
Message-Id: <Pine.SUN.3.91.950218083417.157A-1000000@crl10.crl.com>

I am looking for someone on the system who may have built or
done experiments with Coherent CW.

Does anyone know if any of the "G's or DL's" who are currently
running CCW are on internet ?

Especially interested in dialogue with anyone who has built, tested
or knows how the Petit filter works.

de stan AK0B
e-mail via randyw@crl.com

From owner-qrp-l@netcom.com Sun Feb 19 05:24:07 1995
From: Byron8LCZ@aol.com
Date: Fri, 17 Feb 1995 18:53:14 -0500

Message-Id: <950217185314_24816220@aol.com>

Subject: Colorburst Sprint

Last night I managed to work, with great difficulty:

W1FMR/X Jim 579 NH 1 watt with S-5 QRN at 9:45 pm on 3.578.8
and

W2FB/QRP Howard 559 NY 4 watts with S-5 QRN at 9:57 pm on 3.580.4

I heard W2FB talking to V01DRB but couldnt hear Bob at all

Walt, WB8E, is about 3 miles from me, he had the only good signal on the band. Walt could hear better then me with his INVERTED VEE.

Next time you guys have this contest, please consult the Sun for better sun spot activity and lower noise levels, ok Jim (W1FMR) ?

Had good time, CU next week.

Rig: QRP Plus, 5 watts out, Oak Hills QRP watt meter, Gap Titan Vertical up 12 ft.

72, Byron WA8LCZ / VFO

p.s. I used to run Xtals in my novice days, I'm never going back to that again. I dont care what you call it.....

From owner-qrp-l@netcom.com Sat Feb 18 16:14:02 1995

Date: Sat, 18 Feb 1995 12:28:10 -0600 (CST)

From: Adrian Weiss W0RSP English Department <AWEISS@charlie.usd.edu>

Message-Id: <950218122810.37959@charlie.usd.edu>

Subject: CQ Bad Debt & Ade W0RSP

Fellow QRPP'rs:

This is, admittedly, an extremely unusual kind of posting about a "private" business matter. I take this step in total frustration with _CQ Magazine_: invoices and personal letters to Al Dorhoffer and Richard Ross remain unanswered for the past five years. Legal action is out of the question because of distance, cost, and the amount involved. I will make another attempt at getting some response before making a request of the QRPP people who are going to attend Dayton this year.

That request will consist of an appeal to QRPP'rs to confront _CQ Magazine_ in the public forum at Dayton

regarding this matter.

In brief, _CQ_ stocked and retailed both my JOY OF QRP and HISTORY OF QRP. My account with _CQ_ for their payments for JOY OF QRP was satisfactorily settled as per normal business practice. However, since the last payment for HISTORY OF QRP in 1990, _CQ_ has failed to respond to my repeated attempts to elicit further payments on an outstanding unpaid balance of \$1045. I have carried this bad debt without charging interest -- a gentleman's approach for what I thought was a gentleman's agreement. (Since _CQ_ has continued to deliver the magazine to me, I suspect that they've decided to give me a life subscription and pay me off that way. Unfortunately, that was not the deal at the time the books were delivered to _CQ_.)

Last year I gave copyright permission on this net allowing individuals to xerox a personal copy of JOY OF QRP, but I've been reluctant to allow mass-xeroxing since that would cut into any potential market for a new edition of JOY. It would be fatuous to state that if _CQ_ paid its debt, I would be in a position to undertake a second edition of JOY -- I still have half the edition of HISTORY sitting in my office in boxes! But \$1045 is about 1/4 the cost of a new edition! I am not in a financial position to play games with that kind of money.

So, watch for a later posting as to how this matter has either been addressed or not by _CQ_. I will understand perfectly well if not a single Dayton QRP'r wishes to get involved in this matter. And I have no way of knowing if _CQ_ would in the least respond to a group which it has decided is a negligible part of the overall subscription pool. At least I will know that my message "got thru" Q5.

Sincerely, Ade W0RSP (ex-K8EEG)

From owner-qrp-1@netcom.com Sat Feb 18 15:52:41 1995
Message-Id: <ab6a634a01021004e28f@[192.31.66.240]>
Date: Fri, 17 Feb 1995 07:49:45 -0700
From: ji3m@scubed.scubed.com (James R. Duffey)
Subject: CW Fox Hunt Report from KK6MC

I got the fox last night. He had a good signal most of the time he was on, only occasionally slipping into the jaws of QRM. I came up to the shack at 0211 after finishing a late dinner. Heard WB6HQQ talking to somebody about

the Fox. Word of fist advertising I would say! I tuned up a bit and heard WA3NNA in qso with someone. He signed and I called along with many others. Pete came back to NN9K who had a very loud signal here in NM. I worked him after NN9K signed. I may have strepped on NN9K in my rush to work the fox. If so I apologise.

W2DYY(?) called me after I finished with the fox and I suggested we qsy up to avoid qrmng the fox, but we got lost in the shuffle and did not connect. I heard KU7Y work the fox, another fine signal here. I tried to get him to move up 2 but that was not successful either. Heard the fox try to work AB5TZ at 0230, but I couldn't hear the 5.

Moved down to 7041 at 0300 and heard the fox. I heard KC5EQC calling the fox at 0302, but did not hear Pete come back so I don't know if he worked him or not. I also heard him work K5HQQV. I moved down to 7039 and called CQ QRP. W03B came right back. When I told him the fox was on 7041 he signed and qsyed up. I later heard him call the fox, but don't know if he bagged him or not. I also heard KB7UIS, KE4PL, and AB50U work the fox. I moved fellow New Mexican and I-netter AB50U who had a booming 599 here in Cedar Crest up 2 and we had a short chat, but Tim did not come back afte rone of my transmissions so I don't know if propagation dropped out or if he had a fone call or what. Looked for another fellow NM QRP op, NA5N, but did not hear him.

After the Fox hunt was over I qsyed up to 10 MHz. Heard only one qso in progress, but called CQ QRP. No reply. In tuning I heard KC5IAZ/AG calling CQ so I replied and we had a nice 45 minute QSO, even with a landline interuption at my end. I was his first QSO as a general. He had rushed home after passing the test and called CQ on 30. Nice to see the newcomers enthusiasm for the hobby.

The Fox Hunts are having the desired effect of getting me in the shack during the weeknights to do some operating. They are the most fun I have had in hamming in a long time. Its nice to work the fox and then root for others to do the same. I hate to see it draw to a close. Lets do it again.-Duffey KK6MC/5

James R. Duffey ((505) 764-3143)
Maxwell Laboratories, S-Cubed Division
2501 Yale Blvd SE Suite 2501
Albuquerque, NM 87106-4125

From owner-qrp-l@netcom.com Sat Feb 18 12:42:58 1995
From: david.gauding@slug.org (David Gauding)
Subject: Dayton Rooms
Date: Sat, 18 Feb 1995 13:14:36 GMT

Message-Id: <9502180830063108@slug.org>

Wondering if anyone has received confirmations for the ARCI rooms at Days Inn South?

My request mailed to Myron Koyle on January 5 has not been confirmed or returned.

A request mailed in November was returned in December marked "not at this address". E-mail to a Compuserv address bounces.

Any news (good or bad) appreciated.

73 de Dave, nf0r david.gauding@slug.org

From owner-qrp-l@netcom.com Sat Feb 18 21:00:34 1995
From: Byron8LCZ@aol.com
Date: Sat, 18 Feb 1995 17:59:35 -0500
Message-Id: <950218175934_25662942@aol.com>
Subject: Re: Dayton Rooms

thats a good point. i too have requested a room from Myron and heard nothing. i signed up at dayton last year and mailed in two sase's to Myron.

Nothing heard.

wonder whats going on, how about it you ARCI BoD members, have you heard anything about rooms ?

72 Byron WA8LCZ

From owner-qrp-l@netcom.com Sat Feb 18 13:28:19 1995
From: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org (Mike Czuhajewski)
Subject: Re: HW-8 mods.
Date: Sat, 18 Feb 95 09:50:00 EST5EDT
Message-Id: <1995Feb18.095000.28698@wb3ffv.ampr.org>

I don't know about HW-8 mods on FTP sites, but you can always try the HW-8 Handbook; it was originally published by the QRP ARCI and later taken over by Mike Bryce, WB8VGE (who writes the 73 magazine QRP column and is also publicity person and membership chairman for QRP ARCI). You might want to check with him to see if it's still available. It was fifty-something pages of HW-8 material from over the years (not all of it, but most), along with some for the HW-7, some HW-9, some generic for all three. I also had an article in the QRP Quarterly, with later blurbs in QST and SPRAT, on fixing low output power on 80 and 40 meters, which can be caused by bad ferrite cores in the output

networks. (They use ferrites with permeability of 40 on those two bands and powdered iron on the two higher bands.) Mikes e-mail address is 73357.222@compuserve.com. And if anyone does check with him about availability of the HW-8 Handbook, please post the info to qrp-l. Thanks! 73 and Queue Our Pea DE WA8MCQ

--

Mike Czuhajewski, user of the UniBoard System @ wb3ffv.ampr.org
E-Mail: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org
The WB3FFV Amateur Radio BBS - Located in Baltimore, Maryland USA
Supporting the Amateur Radio Hobby, and TCP/IP InterNetworking

From owner-qrp-l@netcom.com Sat Feb 18 19:41:13 1995
From: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org (Mike Czuhajewski)
Subject: Re: K2EB/QRPP
Date: Sat, 18 Feb 95 16:46:59 EST5EDT
Message-Id: <1995Feb18.164659.16045@wb3ffv.ampr.org>

Thanks for the note thanking me for getting you and K2EB (who lives a few miles from me) interested in milliwatting. Tell him to check the distance between the both of you--if he worked you with one milliwatt, that's good for quite a few thousands of miles per watt, and earns you BOTH the award (it's given for both sending and receiving, since the receiving end does as much or more work!). Good timing, too--I just did up an article for the QRP Quarterly, and it might turn into a column as well. WA8LCZ recently lamented privately that the QRP ARCI doesn't seem to show much official interest in milliwatting, which may be as simple of a lack of articles and such being submitted, but I told him I'd get off my duff and DO something about it! I dusted off a copy of an article I wrote a couple years ago, titled "Watts Are For Wimps!", wrote up a little intro, and it will be in the package that I send off to the QRP Quarterly in a couple weeks. No guarantee it will get into the April issue (and it's no joke), but should be there soon. And I give a call for other milliwatters to send in their letters, news, tips, whatever; maybe we can get some real milliwatt interest going! (Baaaaaaad timing, too, with the sunspots going down, but it can still be done.) As for me checking into the Sat morning QRP net on 7040 KHz with real QRP, I've checked in with WA1JZR well over 2 dozen times while running under 100 mw, and well over a dozen at under ten milliwatts. It took a very long time, was quite difficult, and I only did it once, but I did break the magic one milliwatt barrier one single time--and it was rough--with somewhere in the high hundreds of microwatts but he did hear me at under a milliwatt once. (The punch line: WA1JXR is 350 miles away by air!) All of this is far from a record, but still lots of fun, and over 350,000 miles per watt is nothing to sneeze at. By the way, when you checked me into the QRP net this morning, I was pouring on the coals, at almost a full 100 milliwatts. (I feel sooooo dirty and cheap when I run in the high double digits on the QRP net!) 73 and Queue Our Pea DE WA8MCQ

--

Mike Czuhajewski, user of the UniBoard System @ wb3ffv.ampr.org
E-Mail: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org
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Supporting the Amateur Radio Hobby, and TCP/IP InterNetworking

From owner-qrp-l@netcom.com Sat Feb 18 12:37:15 1995
Date: Sat, 18 Feb 1995 08:48:39 -0600 (CST)
From: Joe Spencer <jspencer@metronet.com>
Subject: Re: KIt 40 meters 5 watts CW
Message-Id: <Pine.HPP.3.90.950218084125.26022A-100000@fohnix.metronet.com>

I have built the Oak Hill Research Explorer. It is a good kit, clear directions(step-by-step) with some illustrations. Dick at OHR provides some good help over the phone if you have problems and parts replacement if necessary. The Explorer receives very well on my limited Antenna and seems to transmit just fine. I need to work on my QRP skills to make more contacts, but I think that is me not the Radio.
The address etc....

Oak Hills Research
20879 Madison St
Big Rapids, MI 49307
(616)796-0902

Hope this helps...
73, Joe Spencer, KC5KAG, Arlington, TX
. .

On Fri, 17 Feb 1995, Bowes, Fr. Bruce wrote:

> I am a new ham and would like some advise on a 40 metre kit, 5 watts
> CW. Something that would be easy to make since I have some not a lot
> of experience and not very expensive.
> Thanks alot
> Father Bowes
>

From owner-qrp-l@netcom.com Sat Feb 18 23:14:19 1995
From: PDouglas12@aol.com
Date: Sat, 18 Feb 1995 20:35:44 -0500
Message-Id: <950218203542_25762692@aol.com>
Subject: Re: KIt 40 meters 5 watts CW

Father Bowes,
I have recently built QRP kits from four different sources. For simplicity for beginners, I like the Oak Hills Explorer, from Oak Hills Research. I

also very much like the NW80/20 for 40M from Dan's Small Parts and Kits. The NW has a full 5w output (Explorer is a 1.5 watt job) and the NW has full speaker audio. The NW is a bit harder, but both mfrs will fix your non-working masterpiece for a modest bench fee, so you are not stuck. The NW is about 20 dollars cheaper too. I like both radios, and you won't go wrong with either.
Preston WJ2V

From owner-qrp-l@netcom.com Sat Feb 18 18:57:41 1995
From: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org (Mike Czuhajewski)
Subject: Re: List of calls on this list
Date: Sat, 18 Feb 95 11:15:03 EST5EDT
Message-Id: <1995Feb18.111503.1305@wb3ffv.ampr.org>

Daniel Wee asked if there is a list of calls on this mailer. While the Majordomo program will send you a list of the e-mail addresses it uses, it will not provide calls, or even names, unless those happen to be an integral part of the e-mail address. Many of the addresses are quite cryptic, such as those used by compuserve (73357.222@compuserve.com is a good example), and one other I remember is something like p01599@[whatever]. Does anyone know if there is any way to find out names and/or calls of everyone on the list? 73 and Queue Our Pea DE
WA8MCQ

--

Mike Czuhajewski, user of the UniBoard System @ wb3ffv.ampr.org
E-Mail: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org
The WB3FFV Amateur Radio BBS - Located in Baltimore, Maryland USA
Supporting the Amateur Radio Hobby, and TCP/IP InterNetworking

From owner-qrp-l@netcom.com Sun Feb 19 01:08:33 1995
Date: Sat, 18 Feb 1995 21:18:27 -0800 (PST)
From: Alan Kaul <kaul@netcom.com>
Subject: Re: List of calls on this list
Message-Id: <Pine.3.89.9502182109.A20780-0100000@netcom12>

The biggest problem with majordomo reporting your amateur call is unless your e-mail address (login name) has your call in it, it won't matter because majordomo responds to the "who" command by reporting the list of subscribers by their e-mail names and addresses.

[<Alan Kaul, W6RCL>] kaul@netcom.com

On Fri, 17 Feb 1995, Paul Beltrani wrote:

> > I was just wondering if anyone maintains a list of calls subscribed to
> > this list and their corresponding Internet addresses? I seem to recall that

> >....
> >73 de 9V1ZV Daniel
>
>
> Majordomo, the software for this reflector, can automatically provide you
> with
> a list of addresses it reflects msgs to. (If the feature hasn't been
> intentionally turned off).
>
> For more info, send a msg to listserv@netcom.com with the no subject
> and only word 'help' in the msg body.
>
> - Paul Beltrani
> beltrani@aloha.com
> ah6nu@nh6yw.hi.usa.oc Amateur Radio Packet
>

From owner-qrp-l@netcom.com Sun Feb 19 08:17:52 1995
Date: Sun, 19 Feb 1995 05:51:33 -0500 (EST)
From: CEBIK@utkvx.utk.edu
Subject: Re: List of calls on this list
Message-Id: <Pine.3.89.9502190528.A541817108-0100000@utkvx.utk.edu>

Easiest way I know is if everyone sends a message to "X" (the designated gatherer) with a preprepared form of information desired. It may not be complete, since perhaps some will not wish to be on such a list, but the info input will be greater.

I do not know what confidentiality standards, if any apply, the list manager must observe in providing info from the subscription listings held by the LISTSERV program. However, the amount of data there would be very limited.

The first question in making up a master list of some kind is what kind of data is it useful, desirable, necessary, etc. to keep on members. Then a stanmdard form might be put on the list from time to time to pick up new subscribers after the initial data gathering.

-73-
LB, W4RNL

From owner-qrp-l@netcom.com Sat Feb 18 11:00:13 1995
Message-Id: <2f457d28.pandora@pandora.uucp>
Date: Sat, 18 Feb 1995 12:52:55 +0800
From: "W. Daniel, 9V1ZV" <pandora!daniel>
Subject: List of Users

Hi Gang,

Since no one has done this, I think I will take it upon myself to compile a list of all the users and their callsigns, plus some of their shack/equipment data. This will require you guys to send some information to me, via e-mail of course. However, before we commence, are there any objections to this? It wud be a neat file to have. Then we know who has what, and if we need opinions, we know who to look for etc.

73 de 9V1ZV Daniel

--

```
+-----+-----+
| Daniel Wee | daniel%pandora@lugs.po.my |
| 9V1ZV      | daniel.wee@f516.n600.z6.fidonet.org |
| UUCP1.12j  | Packet: 9V1ZV @ 9V1VS.SGP.AS -- |
+-----+-----+
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From owner-qrp-l@netcom.com Sat Feb 18 11:42:05 1995
Date: Sat, 18 Feb 1995 07:49:48 -0500 (EST)
From: CEBIK@utkvx.utk.edu
Subject: Re: Metal shop without a shop
Message-Id: <Pine.3.89.9502180759.A541807278-0100000@utkvx.utk.edu>

On the metal bender, sold under several names: Had one years ago, but let it go. Needed one, so I built one, using some scrap oak for the base board and the lift board. Recessed hinges outside the area for metal bending. Where the metal goes, I installed end-to-end 6" mending plates on both boards. Drilled the lifting board for a pair of 3/8" dia aluminum rods. Use a 1" wide, 1/8" thick "strap" or flat bar, clamped down, as the hold-down piece. I have an assembly on my bench that allows lock-down of temporary tools (ones used only once in a while), and the metal brake fits that. With a 12" capacity, it works as well as anything I have seen under \$50. The mending plates and the hold-down bar have a very small edge bevel that helps keep the bend from crimping or cracking. It took care in building to ensure that it all aligned correctly during a bend, but I cannot beat the price, the capacity, or the satisfaction.

-73-

LB, W4RNL

From owner-qrp-l@netcom.com Sun Feb 19 00:15:04 1995
From: Michael Marmor <mmarmor@pluto.njcc.com>
Message-Id: <199502190320.WAA11836@pluto.njcc.com>
Subject: Re: Metal shop without a shop
Date: Sat, 18 Feb 1995 22:20:52 -0500 (EST)

> Dremels are also great on oak and other fine woods to create cut-and-
> reamed out openings--as well as all the needed jack holes for miniature

> "furniture-grade" cases for accessories that are not too sensitive to RF
> fields. See the IROESK hand key and its Son, the keyer, in QST a few
> years ago. W1AW, at last report, still has one at one of the operating
> positions. For many QRP projects, "Wood's Good!" and loved by XYLS
> everywhere.
>
> -73-
> LB, W4RNL

I love my Dremel.

I built my Neophyte in a fine wood enclosure and used large, old-fashioned knobs that I found at Dayton last year. I put a lot of work into it and now I have a radio I am quite proud of. It is always funny when people look in the heavy wood cabinet and see the tiny 2 inch square circuit board! Lots of room for mods!

Other stuff I do with my beloved Dremel:
Drill #63 holes in PC boards (use a slow speed or you WILL break the bit!)
Grind isolated "islands" on bare copper board for ugly-style circuits.
Cut long shafts on pots and rotary switches.
Make square or odd holes in enclosures.
Shape/smooth/route/cut wood.
Cut PC board to the proper size before etching.
Smooth edges of the PC board after etching.

The Dremel is my favorite hand tool - I would consider it the "Swiss Army knife" for the homebrewer. Everyone should have one.

73

Michael, AA2UJ
mmarmor@pluto.njcc.com

From owner-qrp-l@netcom.com Sat Feb 18 13:10:03 1995
From: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org (Mike Czuhajewski)
Subject: Re: MRF237 in Norcal 40
Date: Sat, 18 Feb 95 10:17:15 EST5EDT
Message-Id: <1995Feb18.101715.28698@wb3ffv.ampr.org>

Re pin-outs of the MRF237 vs. other transistors: Motorola makes the MRF237 with a "backward" pin configuration; while most transistors are E-B-C, going clockwise around the body when viewed from the bottom, the MRF237 is C-B-E. (You can verify this in the Motorola data book and the HW-9 manual, which uses a pair of them.) By the way, the case of the MRF237 is the emitter, which simplifies construction since the case need not be isolated from ground. 73 and Queue Our Pea DE WA8MCQ
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Mike Czuhajewski, user of the UniBoard System @ wb3ffv.ampr.org
E-Mail: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org

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Supporting the Amateur Radio Hobby, and TCP/IP InterNetworking

From owner-qrp-l@netcom.com Sat Feb 18 23:23:39 1995
Date: Sat, 18 Feb 1995 17:31:17 -0800 (PST)
From: Steven Wilson <randyw@crl.com>
Subject: Need Varactor diode source
Message-Id: <Pine.SUN.3.91.950218172434.1801B-100000@crl6.crl.com>

I need mfr and part number information on Hyperabrupt diodes.

I have an application that requires linear change in frequency
vs. voltage. The voltage varies from 2 vdc to 4 vdc.

I also need thermal stability, any ideas on how to correct the drift
of the varactor ?

thanks & 73 de stan AK0B

e-mail via randyw@crl.com

From owner-qrp-l@netcom.com Sat Feb 18 12:48:20 1995
Date: Fri, 17 Feb 1995 08:21:21 -0600 (CST)
From: Jeff Gold <JMG@tntech.edu>
Subject: no more orders qrp+
Message-Id: <01HN5DTA3J42CZ3A1V@tntech.edu>

All,

I am officially closing the ordering of our group purchase of the
QRP+. We had about 30 orders!!!!!! I guarantee that Index will not
go broke, in fact they will be estactic.. think there were many
that ordered that wouldn't have otherwise (me included). by the
way I don't advise this as a hobby, turned out to be quite a pain.
May have to quit my daytime job!!!!

By the way is the new owner of Vibroplex on this group.. HINT
HINT!!!

People were mentioning paddles for the QRP+. Well one of my first
QST projects was an optico-electrical (whatever it is called)
straight key.. one of our list members, LB Cebik wrote the
article. Well it seems he did a follow up article on a set of
paddles based on same principal. It would make a GREAT small

paddle that would be very rugged. .we should figure out how to make this an Internet/ARCI project and get these produced as Kits.

73

Jeff

From owner-qrp-1@netcom.com Sat Feb 18 15:48:20 1995
Date: Sat, 18 Feb 1995 12:24:00 -0500 (EST)
From: James Lyons <jlyons@CAM.ORG>
Subject: NorCal Sierra on 15
Message-Id: <Pine.SOL.3.91.950218121505.14308A-100000@ocean>

Just had a fantastic run in the contest on 15 metres. Got the 15 metre band module for the Sierra this week and tried it for thhe first time this morning, found there was a contest in progress. With my ATB34 at 50 feet on Europe I decided to see how many different countries I could work. In a half hour tuning slowly from the high end down I bagged 14 different countries by answering CQ calls. Then it took me another hour to bag HV3SJ but eventually I did.

The Sierra was running sowewhere between 1.5 and 1.8 watts using a 2.5 gel cell (which had been used with the ONER on Thursday and hasn't been charged since).

What a rig! Those NorCal guys deserve a medal.

I had no trouble copying with the Sierra even though the band was packed with S 9 ++++ signals.

Of course I always got a 599 report!

Jim, VE2KN

From owner-qrp-1@netcom.com Sat Feb 18 15:44:02 1995
Message-Id: <199502181815.AA00222@zia.aoc.nrao.edu>
Date: Sat, 18 Feb 1995 11:15:18 -0700
From: Paul Harden <pharden@aoc.nrao.edu>
Subject: Novice Band Opinions

I was gonna respond to the foxes opinion that the novice band should be questioned as to its efficiency. I was gonna say how I spent several evenings trying to work novices during the Novice Roundup, but after 12 QSO's of which only 2 were novices, I gave up. It is my opinion there are few novices left on the novice band.

But the post from Kevin KB9IUA changed my mind. Here is a novice who I

think expressed some very sincere concerns and frustrations from his point of view. Speaking only for myself, I was a bit hasty in just about to blast the novice band participation. Kevin reminded me of the spirit and elmerizing (is that a word?) that our hobby is really about.

And Kevin, your comments about the Extra who hogged a frequency working stations all night ... I have done that on occasion where I sat on a frequency and worked several stations ... and it NEVER occurred to me I was hogging a frequency for which someone else might only have a XTAL for. Thanks for bringing that to my attention - it will make me more thoughtful next time.

Paul NA5N

From owner-qrp-l@netcom.com Sat Feb 18 23:14:19 1995
Date: Sat, 18 Feb 1995 20:09:32 -0500 (EST)
From: Jim Stafford-W4QO <w4qo@america.net>
Subject: Re: Novice Band Opinions
Message-Id: <Pine.SV4.3.91.950218195429.24050D-100000@atl1.america.net>

Please try to think what we are saying when we say we only worked two novices during the novice roundup --- it's semantics -- a Tech Plus is a novice who got access to 50 megs and above. Why do we insist on saying there were no novices in the N/R, well, all those techs are using their "novice privileges" in the N/R. They just happen to have some higher license that has nothing to do with N/R. The techs are trying to get their code speed up so they can progress to a higher license just like a Novice who has no 50 meg privileges. There was a time when you actually held two licenses, a Novice and a Tech, and then I suppose we were using our Novice license in the N/R and our tech license to work 6M. Now the FCC has done away with holding two licenses and combined it into one, so what is the tech supposed to sign?

Bottom line - all the so-called official contestors in the N/R were using their EQUAL privileges on the HF bands, so why think of them differently? I know -- ARRL gives awards for each class, hey, this simply gives more people a chance to win a certificate. NBD -No Big Deal.

I for one like having the fox in the Novice band. So the BC stations give us a challenge, so what, we may work a couple of Novice/Techs in the process.

Anyway, this is not meant to be criticism, just explanation.

73/72/jim/w4qo

PS What really is sad to me is how the FCC assigned all the N#XXX calls to code free techs and now that almost all call areas have run out <the

9th just ran out this week>, there are no 1x3 calls for Generals. Seems like it would have been such a nice gesture to have held the 1x3's for Generals and above or at least Tech Plus. I guess we all have our thorns!

From owner-qrp-1@netcom.com Sat Feb 18 13:22:57 1995
From: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org (Mike Czuhajewski)
Subject: Re: QRP Kit Suppliers
Date: Sat, 18 Feb 95 10:19:52 EST5EDT
Message-Id: <1995Feb18.101952.28698@wb3ffv.ampr.org>

Yes, I believe there was a comprehensive list of QRP kit suppliers posted to the list a while back, but don't have it on disk, nor do I know if it's on one of the ftp sites. If anyone out there has a copy of the list, or knows where it is, please reply to N5EM@aol.com. (And a list like that should probably be posted on a periodic basis for benefit of the newcomers we get all the time.) 73 and Queue Our Pea DE WA8MCQ

--

Mike Czuhajewski, user of the UniBoard System @ wb3ffv.ampr.org
E-Mail: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org
The WB3FFV Amateur Radio BBS - Located in Baltimore, Maryland USA
Supporting the Amateur Radio Hobby, and TCP/IP InterNetworking

From owner-qrp-1@netcom.com Sat Feb 18 14:54:55 1995
From: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org (Mike Czuhajewski)
Subject: QRP Show in Laurel, MD on 4 Mar
Date: Sat, 18 Feb 95 11:21:40 EST5EDT
Message-Id: <1995Feb18.112140.1305@wb3ffv.ampr.org>

QRP SHOW IN LAUREL, MD

Not sure if this posting made it the first time; I never saw it come back, though a friend told me he seems to remember it. Anyhow, it never hurts to have a reminder, so here it is--

I called up Maryland Radio Center in Laurel (halfway between Washington DC and Baltimore) and set the date for our next QRP Show and Tell: the first Saturday in March, the 4th. This time I'm going to do it a bit differently: in the past, we advertised it as all day (the store is open from 1000-1500), but that spread people out a bit too much. This time, I want to squeeze it in a bit so more of the people can run into each other. We'll do it from 1100-1400 (although there will still be early birds and stragglers).

Format: the usual, total anarchy and chaos. Come and leave when you want, bring anything you want to show off or tell lies about, or just

come and talk QRP. W6TOY, new columnist for the QRP Quarterly will probably show up; KA3ZOW, Dick of S&S Engineering will quite probably be there, along with some of his rigs, including the new TAC1 which has a rotary tuning knob; several people from qrp-l have expressed an interest in attending (but may not be available on this particular date). K3TKS might even bring in his new QRP+ transceiver.

How to find it: MRC is at 8576 Laureldale Drive. MD Route 198 goes through Laurel between I95 and the Baltimore/Washington Parkway (Route 295). Get off onto Route 198 from either one and head toward Laurel. About halfway between "downtown" (Route 1) and the BW Pkwy is an Acura dealer on one corner at a stop light, and there is a big sign in their corner for Laureldale Business Center. There is a short, dead end, private road which runs down behind the Acura dealer--that's Laureldale Drive, and there's only one building down there; MRC is the third door down. (The road has a different name going the other way from the light, where it goes into the Maryland City subdivision.) Landmarks--just past the stop light there is a fire station with its own traffic signal, and a McDonalds right across from it. If you see these two, you are either almost there or just went past your turn. If you have any questions, the stores phones are (301) 725-1212, (301) 470-4266 (DC metro exchange) or (410) 880-4266 (Baltimore exchange). You can also get on the 146.76 repeater (Jessup) and ask for directions if you get lost.

One more thing--I'll be bringing along a few things to sell. I'll have a few TFM-2 mixers at a very good price, courtesy of N00CT (assuming they don't get lost in the mail when he sends them). I'll also be selling off one of my HW-8s. Note--it does not work and some parts will have to be installed. As a matter of fact, about 95% of the parts need to be put in--it's an almost completely unassembled kit! If you missed out on building one of these 15 years ago, here's your chance.

18 Feb update: I have the mixers now, and they WILL be there!

73 and Queue Our Pea DE WA8MCQ
wa8mcq@hambbs.wb3ffv.ampr.org

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Mike Czuhajewski, user of the UniBoard System @ wb3ffv.ampr.org
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From owner-qrp-l@netcom.com Sat Feb 18 13:57:02 1995
Date: Sat, 18 Feb 1995 07:48:53 -0800 (PST)
From: Steven Wilson <randyw@crl.com>

Subject: RF Design Books (References)

Message-Id: <Pine.SUN.3.91.950218073649.21145B-100000@crl6.crl.com>

- 1) Introduction to Radio Frequency Design, W.H. Hayward, Prentice-Hall, 1982, ISBN 0-13-494021-0

Believe ARRL has just released a reprint of this one with software equations (pgms) on disk.

- 2) Solid State Radio Engineering, Krauss, Bostian, Raab, Wiley, 1980 ISBN 0-471-03018-X

This is a very good design book for RF solid state amplifiers.

- 3) Ferromagnetic Core Design & Application Handbook, Doug DeMaw, Prentice Hall, 1981, ISBN 0-13-314088-1

- 4) Transmission Line Transformers, ARRL, 1990

- 5) Practical RF Design Manual, Doug DeMaw, Prentice-Hall, 1982 ISBN 0-13-693754-3

- 6) Solid State Design for the Radio Amateur, Wes Hayward and Doug DeMaw, ARRL, 1977

ARRL has reprinted this one, some of the parts are obsolete but the text is still good

- 7) Reference Data for Radio Engineers, Howard W. Sams, ITT

Watch for this one at hamfests.

- 8) Handbooks - RSGB, ARRL, and William Orr's Radio Handbook

Your local book store may be able to order or use your local library's inter-library loan.

de stan AK0B

From owner-qrp-l@netcom.com Sun Feb 19 00:57:38 1995

From: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org (Mike Czuhajewski)

Subject: Re: RF Design Books (References)

Date: Sat, 18 Feb 95 22:26:33 EST5EDT

Message-Id: <1995Feb18.222633.12477@wb3ffv.ampr.org>

Re the list of books, a couple comments. Yes, ARRL recently reprinted Intro to RF Design by Hayward, selling it for a mere \$30--that may

sound outrageous for an ARRL book [and maybe not, now that some of their other pubs are inching up there] but compare that to what Prentice-Hall wanted for it! Excellent book; I put out a little blurb on it here a couple times, and it will also appear in an upcoming issue of the QRP Quarterly. I am told that the DeMaw book on ferromagnetics is now out of print by Prentice-Hill (or whoever). Doug once told me privately what I long ago realized--PH priced themselves out of a market on that one. I thought it was outrageous when Amidon was selling it for something like \$29 years ago, and it finally topped out around \$54! And it is not a large book. A few years ago Doug said that Amidon had asked for permission to reprint it, and then he never heard from them again. Sigh.....Maybe ARRL would like to reprint it. (And if I'm wrong about Amidon not reprinting it, I'd love to know about it so I can order a copy right away.) 73 and Queue Our Pea DE WA8MCQ

--

Mike Czuhajewski, user of the UniBoard System @ wb3ffv.ampr.org
E-Mail: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org
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From owner-qrp-l@netcom.com Sun Feb 19 05:37:33 1995
Date: Sat, 18 Feb 1995 20:57:21 -48000
From: "David D. Meacham" <ddm@datatamers.com>
Subject: Re: RF Design Books (References)
Message-Id: <Pine.3.89.9502182033.B9453-0100000@dt1.datatamers.com>

Steve, I would like to add one book to your excellent list:

RF Circuit Design, Chris Bowick, Howard W. Sams, 1982, ISBN 0-672-21868-2.

72, Dave, W6EMD, NorCal #339.

On Sat, 18 Feb 1995, Steven Wilson wrote:

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> 1982, ISBN 0-13-494021-0
>
> Believe ARRL has just released a reprint of this one with software
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>
> This is a very good design book for RF solid state amplifiers.
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>
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>
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> ISBN 0-13-693754-3
>
> 6) Solid State Design for the Radio Amateur, Wes Hayward and Doug
> DeMaw, ARRL, 1977
>
> ARRL has reprinted this one, some of the parts are obsolete but
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> Watch for this one at hamfests.
>
> 8) Handbooks - RSGB, ARRL, and William Orr's Radio Handbook
>
> Your local book store may be able to order or use your local
> library's inter-library loan.
>
> de stan AK0B
>
>

From owner-qrp-1@netcom.com Sat Feb 18 10:24:36 1995
From: Byron8LCZ@aol.com
Date: Fri, 17 Feb 1995 22:21:11 -0500
Message-Id: <950217222100_25006228@aol.com>
Subject: Tool Time with Tim Taylor.....

I have a Dremel jig saw with rotary disc sander, that i've had, forever. Its great for cutting plexiglas (making a new set of paddles for the Kent key), cutting aluminum (for QRP rig chassis, brackets for memory switches for key), cutting PVC (for project cases and other goodies that cant be made from wood or metal, and lots of other materials.

Since the blade comes out easily and is only 4 inches long, you can drill a hole in a piece of metal, insert the blade thru the hole, reconnect it to the Dremel and increase the hole size from 1/4" dia to 4" x 4" to mount a display or an S-meter, a QRP watt meter, a speaker. After cutting the paddles out, you can sand them fairly smooth on the rotary sander, its good for shaping plexiglas.

72, Byron WA8LCZ